|          | Index of Claims   |                            |               |          |         |          |                          |          |          |  |          |             |          | Application No. |                 |           |          |              |              |       |            |               |               | Applicant(s)    |           |             |           |   |  |  |
|----------|---|----------------------------|---------------|----------|---------|----------|--------------------------|----------|----------|--|----------|-------------|----------|-----------------|-----------------|-----------|----------|--------------|--------------|-------|------------|---------------|---------------|-----------------|-----------|-------------|-----------|---|--|--|
|          | E INTINE HOLD NEW BEING BEING HEIDE HOLDE TILLE BUILD BUILD BUILD |                            |               |          |         |          |                          |          |          |  |          |             |          | 10/691,366      |                 |           |          |              |              |       |            |               |               | ZANDER ET AL.   |           |             |           |   |  |  |
|          |   |                            |               |          |         |          |                          |          |          |  |          |             |          | Examiner        |                 |           |          |              |              |       |            |               |               | Art Unit        |           |             |           |   |  |  |
|          |   |                            |               |          |         |          |                          |          |          |  |          |             |          |                 |                 |           |          |              |              |       |            |               |               | _               |           |             |           |   |  |  |
| <u>.</u> |   | 1 13 6 11                  | 1 11 11 11    |          |         |          | 1000 11                  | 110 61   | 138 8181 | (100)  |          |             |          | Allan Kuhns     |                 |           |          |              |              |       |            |               | 1732          |                 |           |             |           |   |  |  |
|          |   |                            |               |          |         |          |                          |          |          |  |          |             |          | 7               |                 |           |          |              |              |       |            |               |               |                 |           |             |           |   |  |  |
|          | √ Rejected  |                            |               |          |         | .        | (Through numer Cancelled |          |          |  |          | 1)          |          | Non-Ele         |                 |           | lect     | ted          |              |       | Appeal     |               |               |                 |           |             |           |   |  |  |
|          |   |                            |               |          |         |          |                          | L        | $\perp$  |  | anc      | elled       |          |                 | 1               | N         |          |              |              |       |            | Α             |               |                 |           |             |           |   |  |  |
|          |   |                            |               | Allowed  |         |          | 1.                       | ÷        | F        | estr   | icted    | 1           |          |                 |                 | Inf       | erfe     | ren          | ce           |       | o          | C             | )bie          | cted            |           |             |           |   |  |  |
|          |   |                            |               |          |         |          | L                        |          |          |  |          |             |          |                 | Ù               |           |          |              |              |       |            |               |               |                 |           |             |           |   |  |  |
| 1        | Cl  | aim                        | Date          |          |         |          |                          |          | 1 [      | Claim  |          |             | Date     |                 |                 |           |          | 1 f          | Claim        | im    |            | Date          |               |                 |           | ר           |           |   |  |  |
|          | Cit   |                            |               | ГΤ       | Т       |          | ĪT                       | 7        | Т        | ┧┝   |          | +           | Т        | Т               |                 | Ī         | Т        | T            | 1 1          | Cia   |            | П             | $\neg \Gamma$ | ΤĬ              |           |             |           | † |  |  |
|          | Final   | Original                   | 2/16/05       | 1        |         |          |                          | -        |          | Final  | Original | $  \cdot  $ |          |                 |                 |           |          |              | H            | Final | Original   |               |               |                 |           |             |           |   |  |  |
|          | ιĪ  | ğ                          | 21            |          | ı       | -        |                          |          | 1        | iĒ   | jě       | '           |          |                 |                 |           |          |              |              | 這     | Ö          |               | ŀ             |                 |           |             |           |   |  |  |
|          |   | 1                          |               | $\vdash$ | +       | +        | $\vdash$                 | +        | +        | ┨┢   | 51       | 1 1         | +        | +               | $\vdash$        | Н         | $\dashv$ | +            | {            |       | 101        | $\vdash$      |               | H               | +         | +           |           | - |  |  |
|          |   | 4                          |               |          |         | $\top$   |                          |          |          |  | 52       | !           | 7        | 1               |                 |           |          |              | 1 [          |       | 102        |               |               |                 |           |             |           |   |  |  |
|          |   | 3                          |               |          |         | $\perp$  |                          |          |          | ] [  | 53       |             |          |                 |                 |           |          |              | ] [          |       | 103        |               |               |                 |           |             | $\perp$   |   |  |  |
|          |   | 4                          | Н             | $\vdash$ | +       | +        | $\vdash$                 | +        |          | ┨ ├─   | 54<br>55 |             |          | -               | $\vdash$        | $\vdash$  |          | +            | ┨            |       | 104<br>105 | $\vdash \mid$ | +             | $\vdash$        | +         | +           | +         | - |  |  |
|          |   | 1                          | Н             | $\vdash$ | +       | +-       | $\vdash$                 | $\dashv$ | +-       | ┧┝╌  | 56       |             | +        | +               | $\vdash$        | H         | $\dashv$ | +            | 1 1          |       | 106        |               |               | $\vdash$        | $\dashv$  | +           | _         | 1 |  |  |
|          |   | 1                          |               |          |         |          |                          |          |          |  | 57       | $\Box$      |          |                 |                 |           |          | 1.           | 1 [          |       | 107        |               |               |                 |           |             |           | ] |  |  |
|          |   | 8                          |               | $\Box$   | 4       |          | П                        | $\perp$  |          | ] [  | 58       |             | _        |                 |                 |           | 4        |              | ] [          |       | 108        |               |               | $\Box$          | $\perp$   |             |           |   |  |  |
|          |   | 1p                         | Н             | $\dashv$ | +       | +        | $\vdash$                 | +        | +-       | ┨  | 59<br>60 |             |          | +               | $\vdash$        |           | +        | +            | 1 }          |       | 109<br>110 | -1            | +             | $\vdash$        | +         | +           | +         | - |  |  |
|          |   | 11                         |               | $\dashv$ | +       | +        | $\vdash$                 | +        | +        | 1  -   | 61       |             | +        | +-              | $\vdash$        | Н         | -†-      | +            | 1 1          | _     | 111        |               | _             | $\Box$          | +         | +           | _         | 1 |  |  |
|          | 1   | 12                         | =             |          |         |          |                          |          |          |  | 62       |             |          |                 |                 |           |          |              |              |       | 112        |               |               |                 |           |             |           |   |  |  |
|          |   | 13                         |               |          | _       | $\perp$  | $\sqcup$                 | 4        | 4-       | <b>∤</b>   | 63       |             | +        | -               | $\vdash$        | $\square$ | -        |              |              |       | 113        | $\Box$        | -             | $\sqcup$        | 4         | +           | +         | 4 |  |  |
|          | 3   | 14<br>15                   | =             |          | +       | +-       | -                        | +        | +        | ┨╏   | 64<br>65 |             |          | +               | Н               | Н         | +        | +            | 1 1          | -     | 114<br>115 | $\vdash$      | -             | $\vdash$        | +         | +           | $-\vdash$ | - |  |  |
|          | 4   | 16                         | =             | Ħ        |         |          | H                        | +        | +        | 1  | 66       |             |          | $\top$          | $\vdash$        |           | +        | +            | 1 1          |       | 116        | $\Box$        | +             | $\Box$          | $\dagger$ |             | $\dashv$  | 1 |  |  |
|          | 7   | 17                         | Ξ             | $\Box$   |         |          | П                        |          |          |  | 67       |             |          | 1               |                 |           |          |              | ] [          |       | 117        |               |               | П               |           | П           |           | ] |  |  |
|          | <u>8</u><br>9   | 18<br>19                   | =             | _        | -       | $\vdash$ | $\vdash$                 | 4        | +        | ┨ ├──  | 68       |             | +        | +-              | -               | $\vdash$  |          |              | 1            |       | 118<br>119 |               | +             |                 |           | +           | +         | 4 |  |  |
|          | 10  | 20                         | =             | $\dashv$ | +       | +        | H                        | $\dashv$ | +        | ┧┝   | 70       |             | -        | +               | -               | Н         |          | ╅            | 1 1          |       | 120        | $\dashv$      | +             | H               |           | +           | $\dashv$  | 1 |  |  |
|          | 11  | 21                         | =             |          |         |          |                          |          |          |  | 71       |             |          |                 |                 |           |          |              | 1 [          |       | 121        |               |               | П               |           |             |           | ] |  |  |
|          | 15  | 22                         | =             | $\perp$  | 4       | $\perp$  | Ш                        | $\perp$  | $\bot$   | <b>↓                                    </b>     | 72       |             | _        | -               |                 |           | _        |              |              |       | 122        | -1            |               | $\sqcup$        | _         | $\bot \bot$ | $\perp$   | 4 |  |  |
|          |   | 28                         | Н             | +        | +       | +-       | $\vdash$                 | +        | +        | ┨┝   | 73<br>74 |             | +        | +               | -               | -         | +        | +            | 1            |       | 123<br>124 |               | -             | $\vdash$        | +         | ╌┤          | - -       | - |  |  |
|          | 12  | 25                         | =             | $\dashv$ | ╁       | +        |                          | +        | +        | ┧├─  | 75       |             |          | ╅               | $\vdash$        |           | +        | +            | 1 1          |       | 125        |               | $\dashv$      | $\vdash$        | +         | +           | $\dashv$  | - |  |  |
|          | 13  | 26                         | =             |          |         | 口        |                          |          |          |  | 76       |             |          |                 |                 |           | 1        |              |              |       | 126        |               |               |                 |           | Ш           |           |   |  |  |
|          | 14  | 27                         | =             | $\vdash$ | +       | $\perp$  | $\sqcup$                 | +        | +        | ┨┝   | 77       |             | 4        |                 | -               |           | +        | -            |              |       | 127        | $\dashv$      |               | $\vdash \vdash$ | _         | -           | _         | - |  |  |
|          |   | 2B<br>29                   | $\vdash$      | $\dashv$ | +       | +        | -                        | +        | +        | $\vdash$   | 78<br>79 |             | +        | +-              |                 |           | +        | +            | ┧┟           |       | 128<br>129 | $\vdash$      | +             | H               | +         | ++          |           | 1 |  |  |
|          |   | 3þ                         | Н             |          | $\perp$ |          |                          | _        | $\pm$    | j  | 80       |             |          | 1               |                 |           |          | 1            | 1 1          |       | 130        |               |               | $\Box$          | _         | 11          |           |   |  |  |
|          |   | 31                         |               |          |         |          |                          | $\Box$   |          |  | 81       |             | $\Box$   |                 |                 | $\Box$    | $\Box$   | $oxed{\Box}$ | ] [          |       | 131        |               |               | П               | $\bot$    | П           | $\Box$    | ] |  |  |
|          |   | 32                         | $\vdash$      | $\dashv$ | +       | +        | $\vdash \vdash$          | +        | +        | <b>┤                                    </b>     | 82       |             | +        | +               | $\vdash \vdash$ | _         | $\dashv$ | +            | <b> </b>     |       | 132<br>133 | $\square$     | -             | $\vdash \vdash$ | +         | +           | -         | - |  |  |
| ŀ        |   | 33<br>34<br>35<br>36<br>37 | $\vdash$      | $\dashv$ | - -     | +        | ┝┼                       |          | +        | ┤├─  | 84       |             |          | +               | ╂─┤             | $\dashv$  | -        | +            | <del> </del> |       | 133        | $\dashv$      | $\dashv$      | $\vdash \vdash$ | $\dashv$  | +           | +         | - |  |  |
| ŀ        |   | 35                         | H             |          | +       | $\top$   | $\Box$                   | $\neg$   | +        |  | 85       |             |          |                 |                 | $\exists$ |          |              |              |       | 135        |               |               |                 | _         | ++          |           |   |  |  |
|          |   | 36                         | П             | $\Box$   | T       |          | П                        | $\Box$   | $\perp$  |  | 86       |             | $\bot$   | $\perp$         |                 |           | $\Box$   | T            | ] [          |       | 136        |               |               | П               |           | П           |           |   |  |  |
|          | 5   | 3 <b>7</b><br>38           | =             | $\dashv$ | +       | $\dashv$ | $\vdash \vdash$          |          | -        | ┤  | 88       |             |          | +               | $\vdash$        | $\dashv$  | -        | +            | ╽┝           |       | 137<br>138 | $\dashv$      |               | ╁               |           | ++          | - -       | - |  |  |
| ŀ        | 6   | 39                         | =             | +        | +       | +        | $\vdash \vdash$          | +        | +        | 1 -  | 89       |             | $\dashv$ | +               | $\vdash$        | $\dashv$  | +        | +            | ╽┟           |       | 139        | $\dashv$      |               | ╁╌┼             | $\dashv$  | +           | $\dashv$  | 1 |  |  |
|          |   | 40                         |               | $\Box$   | 士       | $\Box$   |                          | 士        | 士        | ] [  | 90       |             | $\perp$  | 土               |                 |           | 士        |              | ]            |       | 140        |               |               |                 |           | 力           | 丁         |   |  |  |
|          |   | 41                         | П             | $\Box$   | $\top$  |          | П                        | $\Box$   | T        |  | 91       |             | T        | $\perp$         |                 | $\Box$    | Ţ        | F            | [            |       | 141        | $\Box$        |               | П               | $\perp$   | $\Box$      | $\Box$    |   |  |  |
|          |   | 42                         | Н             | -        | - -     | +        | $\vdash \vdash$          | - -      | -        | ┨ ├──  | 92       |             | - -      | +               | $\vdash \vdash$ | $\dashv$  | _ -      | +            | <b>∤</b> ∤   |       | 142<br>143 | $\dashv$      | _             | $\vdash \vdash$ | -         | +           | - -       | 4 |  |  |
|          |   | 44                         | Н             | $\dashv$ | +       | Н        | $\vdash \vdash$          | +        | +        | <del>                                     </del> | 94       |             | +        | +               | $\vdash$        | $\dashv$  | +        | +            | ╽┟           |       | 144        | $\dashv$      | +             | $\vdash \vdash$ | -         | ╁┤          | $\dashv$  | - |  |  |
|          |   | 45                         |               | 士        | 土       |          |                          | 士        | 上        |  | 95       |             | 士        | 上               |                 |           | 士        | 1.           | įt           |       | 145        |               |               | $\Box$          |           | 口           |           | ] |  |  |
|          |   | 46                         | Ц             | $\perp$  | $\bot$  | $\Box$   | $\coprod$                | Ţ        | $\bot$   | [  | 96       |             | $\perp$  | $\perp$         | $\Box$          | П         | $\bot$   | 4            | [            |       | 146        | $\Box$        | $\bot$        | $\Box$          |           | $\Box$      |           | 4 |  |  |
|          |   | 47<br>48                   | $\vdash \mid$ | $\dashv$ |         | $\vdash$ | $\vdash \vdash$          | -        | +        | ┧┝   | 97       |             |          | +               | ╁╌┤             | $\dashv$  | +        | +            |              |       | 147<br>148 | $\dashv$      |               | $\vdash \vdash$ |           | +           | - -       | - |  |  |
| I        |   | _ +0                       | ı J           |          |         |          |                          | 1        |          | 1 L  | sc       | 1           | - 1      | 1               | L!              |           | j j      | 1            | j l          | 1     | 140        | 1             | L             | 1 1             | - 1       | 1 1         |           | 1 |  |  |

Application No.

Applicant(s)